

Snow Pit Profile

Crown Butte

Beartooth, MT

Elevation (ft) 9801

Aspect: 272

Observer: Mark Staples

Wed Mar 12 11:00:00 MDT 2014

Co-ord: 45.05286 N 109.96362 W

Slope: 34

Wind loading:

Stability on similar slopes:

Air Temperature: C

Sky Cover:

Precipitation:

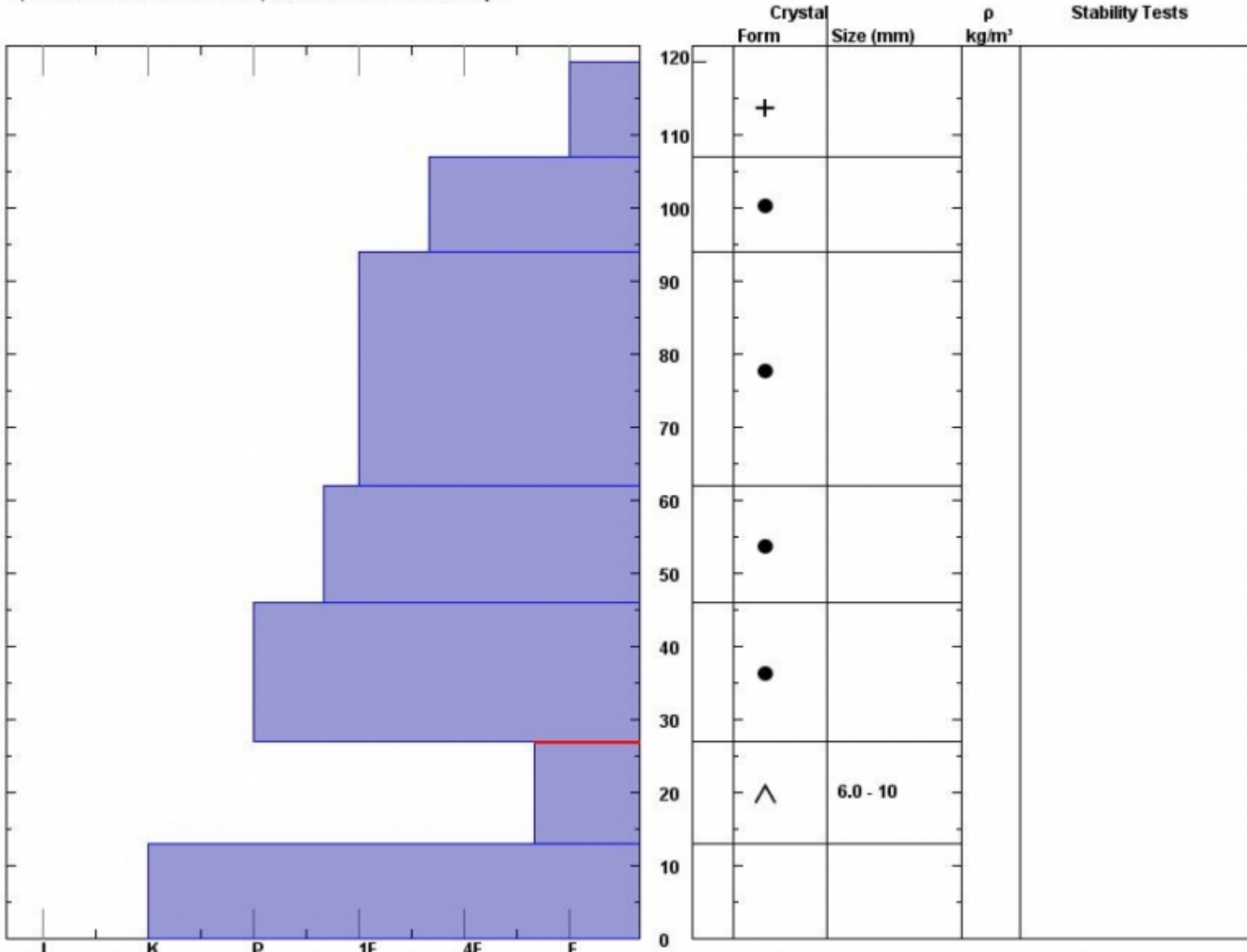
Wind:

Stability Test Notes:

Layer note

13-27: Pro

Specifics: Avalanche Pit: crown; Snowmobile tracks on slope.



Notes: Right side of crown face of a fatal avalanche that occurred on Tuesday, March 11, 2014. Avalanche broke when 3 snowmobilers were on the slope and 1 was stopped. This depth hoar is the weakest snow we have seen any where this season. At this time nearby the Fisher Creek SNOTEL had a SWE of 129 inches of snow. Crown depths averaged 3 feet. Average starting zone angles were 36 degrees.

Advisory Region
Cooke City

Forecast link: [GNFAC Avalanche Advisory for Fri Mar 14, 2014](#)
Cooke City, 2014-03-12